

# XGA Signal 1024 x 768 @ 60 Hz timing

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## General timing

Screen refresh rate	60 Hz
Vertical refresh	48.363095238095 kHz
Pixel freq.	65.0 MHz

## Horizontal timing (line)

Polarity of horizontal sync pulse is negative.

Scanline part	Pixels	Time [μs]
Visible area	1024	15.753846153846
Front porch	24	0.36923076923077
Sync pulse	136	2.0923076923077
Back porch	160	2.4615384615385
Whole line	1344	20.676923076923

## Vertical timing (frame)

Polarity of vertical sync pulse is negative.

Frame part	Lines	Time [ms]
Visible area	768	15.879876923077
Front porch	3	0.062030769230769
Sync pulse	6	0.12406153846154
Back porch	29	0.59963076923077
Whole frame	806	16.6656

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